

HARVESTING MACHINE

Abstract of the Disclosure

A forage harvester includes feed rolls operable to convey crop to a crop cutter drum. The forage harvester is provided with a control arranged to produce a controller output signal based upon a sensed number of rotations of the crop cutter drum or the feed rolls. The controller output signal operates such that a difference between an actual relation between the feed roll and cutter drum speeds and a nominal relation is at least reduced. The control is operable to produce the controller output signal independent from a detection of the speed of the feed rolls or the chopper drum. The speed of the feed rolls or chopper drum is hence controlled without feedback, but with an open loop. Thus, a sensor is saved and control oscillations are avoided.